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ARMY-NAVY-CIA

(Published and Disseminated by CIA/PIC)

SUBJECT : Two Communications

NO : PIC/JB-44/60

Stations

DATE: 1 April 1960

LOCATION: Northeast of Chkalov, USSR

WAC : 236



MAP DATA:


AMS Series N 502, Sheet NM 40-1, Scale 1:250,000, 1st ed., May 55 (U)

ACIC, Special Gnomonic Tracking Chart, GT 44 S (E), scale 1:22,000,000,
revised Feb 57 (C)

REQUIREMENTS:

General Army requirements, Navy DNI Project 412-60, and NSA/GENS-6A/R5-60 requesting detailed information on two rhombic sites northeast of Chkalov, USSR.

REMARKS:

Photography of  shows two communications stations with rhombic antennas approximately 5 nautical miles northeast of Chkalov, USSR, and one nautical mile apart (see Figures 1 and 2). The stations (here arbitrarily labeled A and B) are not connected and each is served by secondary road only. Station A, located at 51°51'N/55°08'E, has four double rhombic antennas and several stick masts (see Figure 3). Station B is located at 51°51'N/55°11'E and has two single rhombic antennas and 12 stick masts (see Figure 4). The absence of dissipation lines and cooling facilities at both stations indicates that they are probably receiving rather than transmitting stations. The fact that Station A is not secured reinforces this probability for that installation. Lack of trackage on the snow-covered ground shows that the stations are probably self-contained, with billeting, administrative, and control facilities.

DECLASS REVIEW by NSA/DOD

VITAL RECORDS DECLASS REVIEW by NIMA/DOD**TOP SECRET**

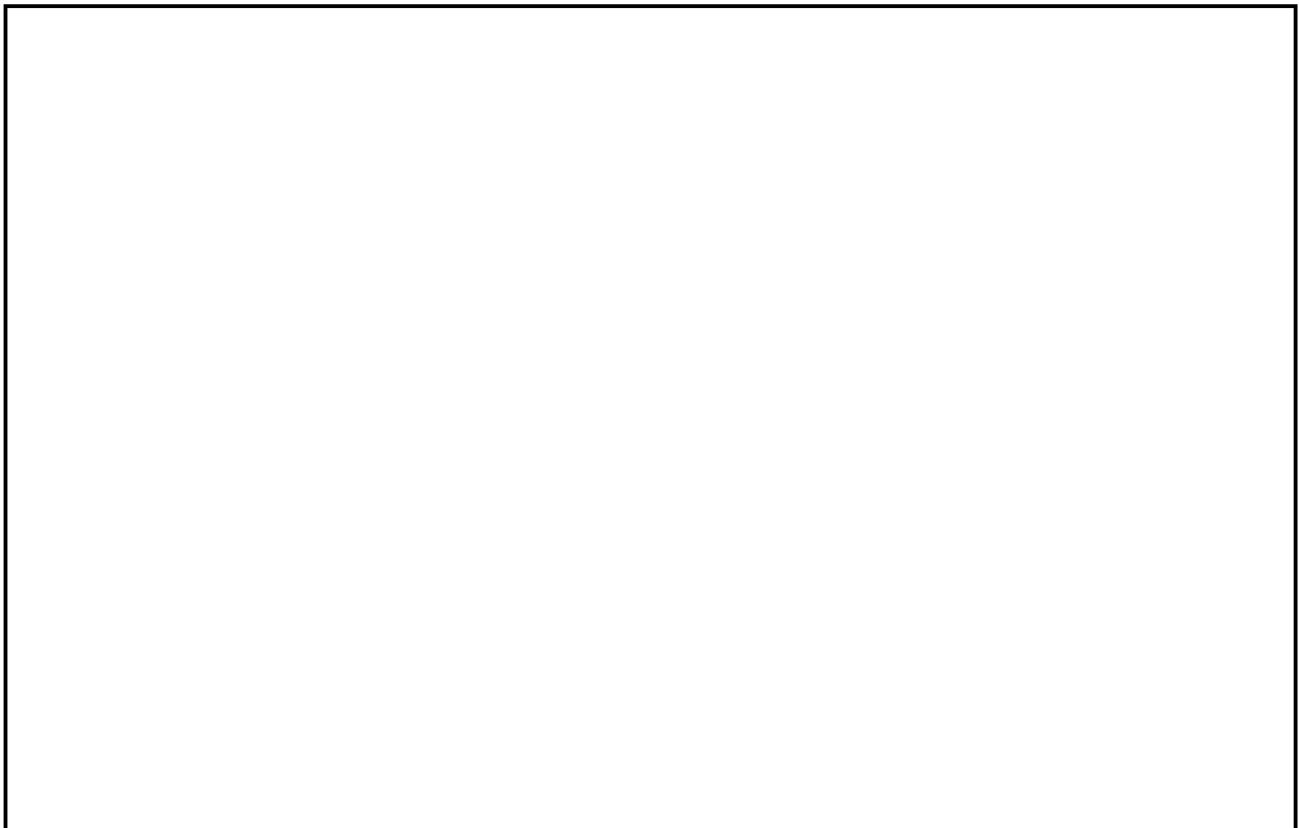
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Data on the rhombics at Station A are given in Table 1 (numbers are keyed to Figure 3). Two of the stick masts (item 5), [] feet apart, probably support a horizontal wire antenna. Rhombic data for Station B are given in Table 2 (numbers are keyed to Figure 4). The 12 stick masts (item 3) have an average height of 50 feet. The azimuth orientations of all the rhombics are plotted on Figure 1.

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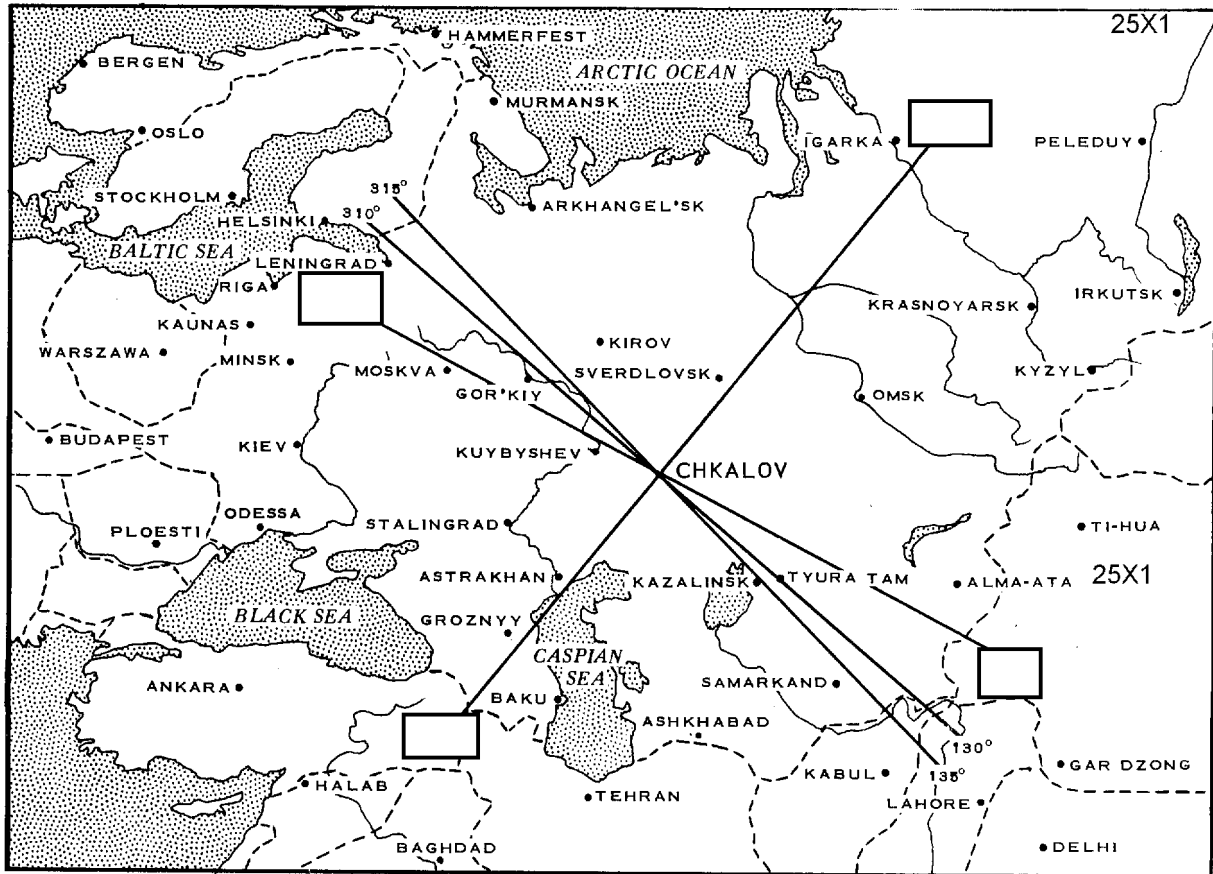


FIGURE 1. GENERAL LOCATION MAP. Based upon a gnomonic projection.

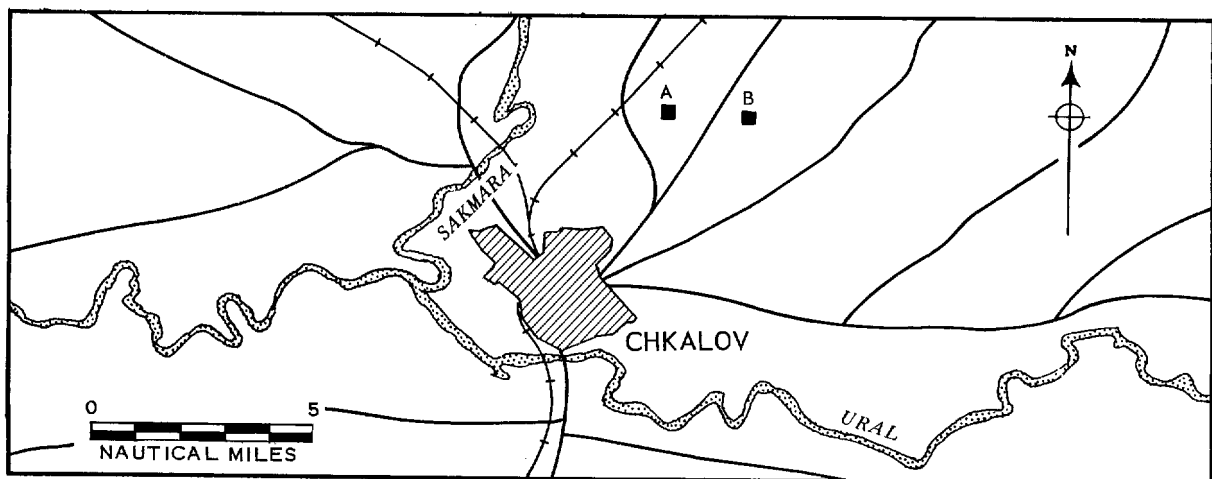


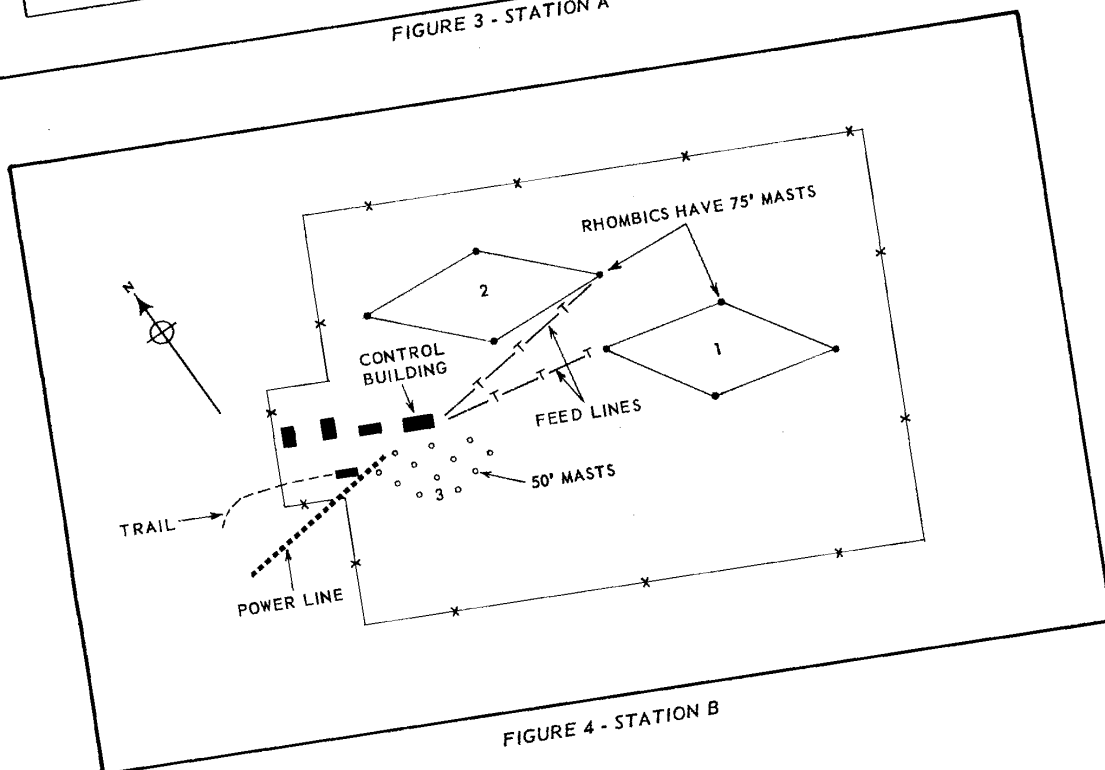
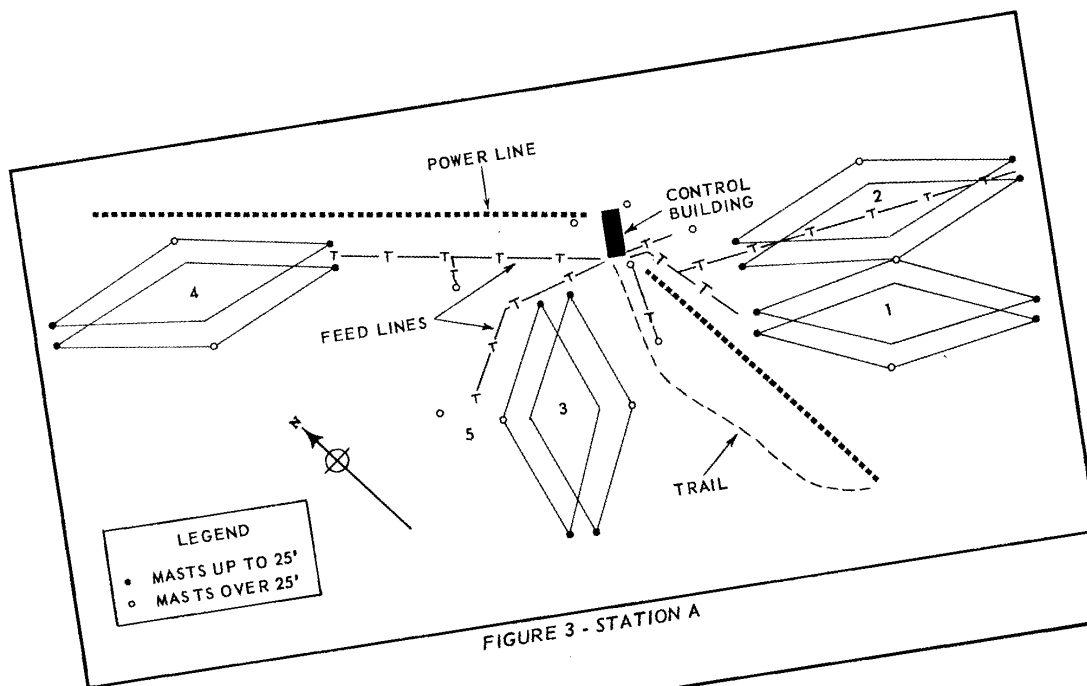
FIGURE 2. SPECIFIC LOCATION MAP

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